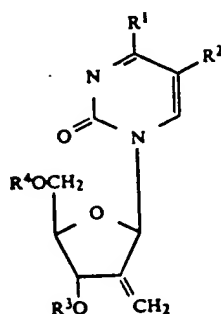


# ABSTRACT

Pyrimidine 2'-deoxy-2'-methylidene nucleoside compounds:



wherein R¹ represents amino, hydroxy[, silylamino, silyloxy,] or acylamino having 2 to 30 carbon atoms [or acyloxy]; R² represents hydrogen, halogen, a lower alkyl, a lower alkenyl, a lower alkynyl or haloalkyl; R³ and R⁴ [represent] may be the same or different and represent hydrogen[, silyl,] acyl having 2 to 30 carbon atoms or aminoacyl, or a pharmaceutically acceptable salt or hydrate thereof, [except that] excluding the case where R¹ is amino or hydroxy, and both of R³ and R⁴ are hydrogen.

Said compounds possess excellent antitumor and antiviral activities, thus providing novel anticancer and antiviral agent.

Ms.  
B2